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SEPTEMBER 03, 2004

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ASHLAND INC.  
DAVID L. HEDDEN  
P.O. BOX 2219  
COLUMBUS, OH 43216

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/19/2004

REEL/FRAME: 015075/0412  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

## ASSIGNOR:

SHRIVER, H. RANDALL

DOC DATE: 08/18/2004

## ASSIGNOR:

KROKAR, JORG

DOC DATE: 08/18/2004

## ASSIGNEE:

ASHLAND INC.  
50 E. RIVERCENTER BLVD.  
COVINGTON, KENTUCKY 41012-0391

SERIAL NUMBER: 10627470

FILING DATE: 07/25/2003

PATENT NUMBER:

ISSUE DATE:

TITLE: COLD-BOX BINDERS CONTAINING AN EPOXY RESIN, ACRYLATE, AND CERTAIN  
AKYL ESTERS

015075/0412 PAGE 2

JOANN STEWART, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

**ASSIGNMENT**

**FOR GOOD AND VALUABLE CONSIDERATIONS**, We, **H. Randall Shriver** of Columbus, Ohio and **Jorg Kroker** of Powell, Ohio, do hereby sell, assign and transfer unto **Ashland Inc.**, a corporation organized under the laws of the **Commonwealth of Kentucky**, and having an office at 50 E. RiverCenter Boulevard, Covington, KY 41012-0391, herein sometimes called "**ASSIGNEE**", the entire right, title and interest in and to our invention for **COLD-BOX BINDERS CONTAINING AN EPOXY RESIN, ACRYLATE AND CERTAIN ALKYL ESTERS** as described and/or claimed in our application for Letters Patent of the United States of America, filed **July 25, 2003**, having serial number **10/627,470** and as described and/or claimed in any and all applications for Letters Patent of all foreign countries together with all Letters Patent issuing on any of the aforesaid applications for Letters Patent, the same to be held and enjoyed by **ASSIGNEE**, its successors, assigns or other legal representatives, to the full ends of the terms of all said Letters Patent therefor which may be granted.

**AND WE HEREBY AUTHORIZE ASSIGNEE** to make applications for and to receive Letters Patent for said invention in any of said countries in its own name, or in my name, at its election, and to claim any and all priority rights as may exist.

**AND WE HEREBY COVENANT AND AGREE** that we will execute or procure any further necessary assurance of the title to said invention and any Letters Patent which may issue therefor and that we will, at any time, upon request and at the expense of **ASSIGNEE** deliver any testimony in any legal proceedings and execute all papers that may be necessary or desirable to perfect the title to said invention or any Letters Patent which may be granted therefor in **ASSIGNEE**, its successors, assigns, or other legal representatives, and that we will at any time, upon the request and at the expense of **ASSIGNEE** execute any continuations, continuations-in-part, divisionals, or any other additional applications of Letters Patent for said invention or any part or parts thereof, all of which applications and any Letters Patent issuing thereon are hereby assigned to **ASSIGNEE**, and will make all rightful oaths, and do all lawful acts requisite for procuring the same therein, without further compensation, but at the expense of **ASSIGNEE**, its successors, assigns or other representatives.

**AND WE HEREBY AUTHORIZE AND REQUEST** the Commissioner of Patents to issue any and all Letters Patent of the United States for said invention, resulting from any of the aforesaid applications to said **ASSIGNEE**.

WITNESS my hand and seal this 18<sup>th</sup> day of August, 2004.

H. Randall Shriver L.S.

[Signature] L.S.

ACKNOWLEDGEMENT

State of Ohio ) ss:

County of Franklin )

On this 18<sup>th</sup> day of August, 2004, personally appeared before me H. Randall Shriver and Jorg Kroker to me known, and known by me to be the same persons described in and who executed the foregoing instrument, and acknowledged that they executed the same, of their own free will and for the purposes set forth.

Martha Lynn Blevins  
Notary Public

MARTHA LYNN BLEVINS, Notary Public  
STATE OF OHIO  
Registered in Delaware County  
My Commission Expires June 3, 2008



UNITED STATES  
PATENT AND  
TRADEMARK OFFICE



5775

NOVEMBER 06, 2002

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Under Secretary of Commerce For Intellectual Property and  
Director of the United States Patent and Trademark Office  
Washington, DC 20231  
www.uspto.gov

ASHLAND INC.  
DAVID L. HEDDEN  
P.O. BOX 2219  
COLUMBUS, OHIO 43216



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RECORDATION DATE: 08/26/2002

REEL/FRAME: 013227/0231  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
WOODSON, WAYNE D.

DOC DATE: 05/18/2002

ASSIGNOR:  
SHRIVER, H. RANDALL

DOC DATE: 06/18/2002

ASSIGNEE:  
ASHLAND INC.  
50 E. RIVERCENTER BLVD.  
COVINGTON, KENTUCKY 41012-0391

SERIAL NUMBER: 10076057  
PATENT NUMBER:

FILING DATE: 02/14/2002  
ISSUE DATE:

JOANN STEWART, EXAMINER  
ASSIGNMENT DIVISION  
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08-30-2002



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FORM PTO-1595  
(Rev. 6-93)  
QMB No. 0651-0011 (exp. 4-94)  
Case 5775

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Wayne D. Woodson and H. Randall Shriver  
Additional name(s) on conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving Party(ies)  
Name: Ashland Inc.

Internal Address:  
Street Address: 50 E. RiverCenter Blvd.  
Covington, KY 41012-0391  
Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of Conveyance: *08-2602*  
☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: May 28 and June 18, 2002

4. Application number(s) or patent number(s):  
If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)  
Appln No.: 10/076,057

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom  
correspondence concerning document should be  
mailed:

Name: David L. Hedden  
Internal Address: Ashland Inc.  
Law Department  
P. O. Box 2219  
Columbus, OH 43216

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$40.00  
☐ Enclosed  
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8. Deposit account number: 01-2530  
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Martha L. Blevins  
Name of Person Signing

Martha L. Blevins  
Signature

August 16, 2002  
Date

Total number of pages including cover sheet, attachments, and documents: 5

Mail documents to be recorded with required cover sheet information to:  
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**ASSIGNMENT**

FOR GOOD AND VALUABLE CONSIDERATIONS, We, Wayne D. Woodson of Georgetown, IL, and H. Randall Shriver of Columbus, Ohio, do hereby sell, assign and transfer unto **Ashland Inc.**, a corporation organized under the laws of the Commonwealth of Kentucky, and having an office at 50 E. RiverCenter Blvd., Covington, KY 41012-0391 U.S.A., herein sometimes called "**ASSIGNEE**", the entire right, title and interest in and to our invention for **FREE RADICALLY CURED COLD-BOX FOUNDRY BINDERS CONTAINING AN ALKYL SILICATE** as described and/or claimed in our application for Letters Patent of the United States of America, Serial No. 10/076,057 filed February 14, 2002, and as described and/or claimed in any and all applications for Letters Patent of all foreign countries together with all Letters Patent issuing on any of the aforesaid applications for Letters Patent, the same to be held and enjoyed by **ASSIGNEE**, its successors, assigns or other legal representatives, to the full ends of the terms of all said Letters Patent therefor which may be granted.

**AND WE HEREBY AUTHORIZE ASSIGNEE** to make applications for and to receive Letters Patent for said invention in any of said countries in its own name, or in my name, at its election, and to claim any and all priority rights as may exist.

**AND WE HEREBY COVENANT AND AGREE** that we will execute or procure any further necessary assurance of the title to said invention and any Letters Patent which may issue therefor and that we will, at any time, upon request and at the expense of **ASSIGNEE** deliver any testimony in any legal proceedings and execute all papers that may be necessary or desirable to perfect the title to said invention or any Letters Patent which may be granted therefor in **ASSIGNEE**, its successors, assigns, or other legal representatives, and that we will at any time, upon the request and at the expense of **ASSIGNEE** execute any continuations, continuations-in-part, divisionals, or any other additional applications of Letters Patent for said invention or any part or parts thereof, all of which applications and any Letters Patent issuing thereon are hereby assigned to **ASSIGNEE**, and will make all rightful oaths, and do all lawful acts requisite for procuring the same therein, without further compensation, but at the expense of **ASSIGNEE**, its successors, assigns or other representatives.

**AND WE HEREBY AUTHORIZE AND REQUEST** the Commissioner of Patents to issue any and all Letters Patent of the United States for said invention, resulting from any of the aforesaid applications to said **ASSIGNEE**.

AS FOR WOODSON:

**WITNESS** my hand this 28<sup>th</sup> day of May, 2002.

Wayne D. Woodson L.S.



AS FOR SHRIVER:

WITNESS my hand this 18 day of JUNE, 2002.

H. Randall Shriver L.S.